19990326.ba v02_n476.bam.990326

>From ???@??? Sat Mar 27 04:21:34 1999
Message-Id: <199903270255.UAA05627@sco.theporch.com>
Date: Fri, 26 Mar 1999 20:52:45 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2476

BOATANCHORS Digest 2476

Topics covered in this issue include:

1) ARC-3 TX/RX, Command TX Rack
by Jim Hill <jshillw6ivw@earthlink.net>
2) thanks for the help
by Roy Nollkamper <royn@glacierelectric.com>
3) Command sets for shipping
by "Ben Hall"<kd5byb@wt.net>
4) Boatanchors meeting at Timonium, Md. Hamfest
by oranges@frb.gov
5) Re: IFF "squibs"
by AAFRadio@erols.com
6) WTB: ST-54-A Harness for BC-1000
by David Stinson <arc5@ix.netcom.com>
7) R-388/URR Serial No.Registry
by AviDov@aol.com
8) Re: Midland, TX Hamfest
by Paul Bernhardt <bern@ppdu.nrl.navy.mil>
9) Does your NC-183D xfmr get hot?
by kf4kl@ipass.net (Doug Hall)
10) EM to Malcolm Hernandez Bounced
by AviDov@aol.com
11) 51S-1 70K-7 PTO Question ???
by Michael Crestohl <mc@sover.net>
12) 51S1 color photo needed
by Tom Norris <badger@telalink.net>
13) 6-4 ballast tube
by Roy Nollkamper <royn@glacierelectric.com>
14) Re: Does your NC-183D xfmr get hot?
by John M Iverson <jackiv@juno.com>
15) RBB meters
by dbrady@us.ibm.com
16) FS: NOS J.W. Miller Chokes & Coils
by John Poulton <jp@cs.unc.edu>
17) WTD: 874 & 876 Spares
by Sandy W5TVW <ebjr@worldnet.att.net>
18) Ameco Red

```
     by mnhopkins@juno.com
 19) DO-Do Here
     by Jderm740@aol.com
 20) Re: DO-DO Here
     by Jderm740@aol.com
 21) Re: DO-DO Here
     by Scott Robinson <spr@earthlink.net>
 22) Re: DO-DO Not
     by "Tom R. Rice" <tomrice@netcom.com>
 23) Which End Where?
     by Dick Dillman <ddillman@igc.apc.org>
 24) RE: Which End Where?
     by "David Newkirk" <dpnewkirk@home.com>
 25) Six Meter OT FB on RX
     by mnhopkins@juno.com
 26) Re: Lead Acid Battery
     by Andre Guibert <aguibert@sympatico.ca>

----------------------------------------------------------------------
Message-Id: <3.0.5.32.19990325105037.020cbae0@earthlink.net>
Date: Thu, 25 Mar 1999 10:50:37 -0800
To: Old Tube Radios <boatanchors@theporch.com>
From: Jim Hill <jshillw6ivw@earthlink.net>
Subject: ARC-3 TX/RX, Command TX Rack
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
```

Any locals (Los Angeles area) interested in an ARC-3 transmitter and receiver? They are AM rigs covering roughly 100-150 MHz. Both are fixed channel units (about 6 channels, I think, can't check now due to rain), and the transmitter uses 8 MHz crystals. The transmitter is unique in that it contains a motor driven auto tune feature that tunes most of the stages. The driver and final use 832A's. Years ago, I used them (not the ones I'm selling) on an AF MARS channel near the 2 meter band years ago, and they worked fine.

Condition wise, they are dingy, with a little corrosion, the result of being stored for years in garages and under tarps. Don't know if they work; never used them. They appear to be unmodified. I consider them to be a big step above the SCR-522 in design.

Price: $10 for the receiver and $15 for the transmitter. I'll include a hard-to-read schematic from a surplus conversion manual but no parts list. I thought I had an ARC-3 manual, but can't find it. Did find a 522 manual, if anybody needs a copy. I would like to bring them to the TRW Swap Meet this coming Saturday, but won't have a seller spot. We can arrange a time and place, like the TRW booth at the NE corner of the lot at 10:00AM.

I'm looking for a reasonably priced Command transmitter rack, especially the one used with the ARC-5 transmitter. I want to put an ARC-5 on 40, but don't want to punch out the existing connector to use a modified rack I have.

I'm also looking for some 5-pin tube sockets, especially the Amphenol sockets that used a special device something like a snap ring to install on a chassis. The chassis hole had a protrusion to prevent the socket from rotating. They could be purchased with a shell to be used as a connector, and the part number for that combination was 78-FP5.

73's Jim   310-378-4411 anytime.

Date: Thu, 25 Mar 1999 13:15:31 -0700
Message-Id: <199903252015.NAA18580@noodle.hi-line.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Roy Nollkamper <royn@glacierelectric.com>
Subject: thanks for the help

I want to thank all who let me know a 6V6 would work in place of a 4H4C in my venerable SX88. I must have missed the post last summer or would have saved some bandwith. The supreme Halli. boatanchor is up and running. I have a 6-4 ballast tube for anyone who needs it. It measures 13.2 ohms with no load. Same config as the 4H4C base-wise on octal socket.

For those of you near Seattle, I would highly recommend the Shorline Museum located on 175th NW Seattle. A great little museum run by some dedicated folks. Thanks for your efforts and the enjoyable afternoon.

Thanks again, Roy, K7JAQ

From: "Ben Hall"<kd5byb@wt.net>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Thu, 25 Mar 1999 15:16:37 +600
Subject: Command sets for shipping
Message-id: <36faa7b5.5043.0@wt.net>

Greetings everyone... Continuing to clean out the shack in preparation for a move to a new apartment in a few months.

I've got the remains of three BC-454 Command Set receivers I received in trade. I had planned to build up one good one out of the three but find myself short of time and space. They've been hacked, had switches added, holes drilled, etc etc etc... No dynamotor. Good for parts, or maybe experimenting?

So, I offer the three of them for the shipping costs. In the case of multiple requests, I will use the now infamous "Rules or Ware" to pick a winner. That means the person with the best "I need them" story gets them. I want to see them go to someone who needs them.

Thanks and 73,
Ben

Benjamin D. Hall, KD5BYB
e-mail: KD5BYB@WT.NET

From: oranges@frb.gov
Date: Thu, 25 Mar 1999 16:19:18 -0500
Subject: Boatanchors meeting at Timonium, Md. Hamfest
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <001D15C6.1220@cclink.frb.gov>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-description: cc:Mail note part
Content-transfer-encoding: 7bit

Hello BA'ers,

A Boatanchors meeting will be held at the hamfest,
at 10:00am in front of the Home Bld.,
Both Saturday and Sunday

Come meet your fellow list members,
show us what you have found, or tell
us what you have seen, or just talk.

Hope to see you there.

Fred Bohner

Message for Personal Use,
NOT FOR OFFICIAL USE.

From: AAFRadio@erols.com
Message-ID: <36FAE55E.1905EE62@erols.com>
Date: Thu, 25 Mar 1999 20:39:42 -0500

MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: IFF "squibs"
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

William Donzelli wrote:
> It suprises me that the AN/APX-6 had explosive squibs, as many of the
> earlier sets used thermite versions.

I suspect this was just a "loose" definition of the term. According to the docs here, the active ingredient in the WWII versions was thermite, thus the "puffed up" APX-6 case in an example cited earlier. Makes a lot of sense, as well - there was an inertial switch installed in the aircraft (even the P-51 fighters!) that was intended to activate on crashing. Unfortunately, it gave a lot of problems due to wear, hard landings, and turbulence... If an explosive device was ever used in the aircraft (as opposed to a thermite charge,) I'm not sure I'd want to in the air with the things...the thermite charge is dangerous if it goes off in your hand, but in an enclosed case is fairly predictable and confined in its effect. The 1944 and '45 T.O. 00-65-( ) issues I have from Ray Mote document the problem of undesirable/unstable triggering by the inertia switches. An improved SA-3A inertial switch was introduced to combat the problem, but apparently not before more than a few squibs were fired. :-)

73,
Mike Hanz KC4TOS

Message-ID: <36F45C49.C620D416@ix.netcom.com>
Date: Sat, 20 Mar 1999 20:41:13 -0600
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: WTB: ST-54-A Harness for BC-1000
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wanted:
ST-54-A Harness that fits BC-1000 (SCR-300) radio.
Will purchase or trade.

TNX DE Dave AB5S
arc5@ix.netcom.com

From: AviDov@aol.com

Message-ID: <b0819753.36fb0620@aol.com>
Date: Thu, 25 Mar 1999 22:59:28 EST
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: R-388/URR Serial No.Registry
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I need to report an addition to the list but don't recall who is keeping track,so I reach out again,to this all wise group for their resourcefulness in this matter.
73

Date: Thu, 25 Mar 1999 23:05:23 -0500 (EST)
From: Paul Bernhardt <bern@ppdu.nrl.navy.mil>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Midland, TX Hamfest
Message-Id: <Pine.A32.4.03.9903252254220.41396-100000@ppdu.nrl.navy.mil>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Pete,

I had a meeting in Austin on Friday and I drove out to the MidLand Hamfest Friday evening. The BC-342N ($50) and an SX-101A ($50) landed in my rental car and I drove back to Austin via San Antonio on Saturday. My small sample of Hamfests indicates that Texas BA's are less expensive than the DC area Boat-Anchor radios. I was at the Hamfest from 8 AM to 10 AM. I would have introduced myself if I had been able to recognize you.
Sincerely, Paul Bernhardt

Work:P.A. Bernhardt
Code 6794
Naval Research Laboratory
Washington, DC 20375
Tel: 202-767-0196
FAX: 202-767-0631

Home: Paul Bernhardt, KF4FOR
5704 Ridge View Dr.
Alexandria, VA 22310
703-960-9656

On Wed, 24 Mar 1999, Spencer Petri wrote:

> Greetings,
>
> Just got home from the Midland, TX hamfest via Poplar Bluff, MO. A pretty
> good array of BAs there. Noticed a nice BC-342 for $50 asking price. Along
> with a few parts and othere non BA stuff, a $12 Poly-Comm 62 and $25 Heath
> Pawnee came home with me. The Poly-Comm looks like forty miles of bad road
> but peering through various openings it looks clean inside. The Heath has a

> broken xtal switch, for sure but looks pretty nice.
>
> Does anyone have a manual for these babies that they could copy?
>
> Thanks,
>
> es 73 de Pete WA5JCI
>
>

From: kf4kl@ipass.net (Doug Hall)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Does your NC-183D xfmr get hot?
Date: Fri, 26 Mar 1999 06:03:40 GMT
Message-ID: <36fc1d7c.110790947@DOUGHALL>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

Boatanchorites,
My recently acquired NC-183D is now cleaned up and looks, sounds, and works like a million bucks. It's a really hot receiver, both in terms of sensitivity AND temperature. The temperature part is what I don't like. The power transformer gets really HOT when the receiver has been on for an hour or more. Not hot enough to fry spit, but hot enough that after about a second or two I've touched it all I want to. It helps if I prop the top open, but the transformer still gets pretty toasty.

Is this normal for these receivers? Whether it's normal or not, something's gotta be done, but I need to know how concerned to be about it for now. I've read about high mortality rates among NC-173/183 power transformers. Were they underspec'd in this area?

Hot iron aside, I'm having fun with this old radio. The audio quality is the best of any receiver I own, and the old rig even receives 6m FM (via slope detection) fairly well. It receives 49 MHz cordless phones, too, but it's against the law to listen to them. I've also been listening up above the 6m band, but I haven't heard Frank yet. Maybe I need a 5m preamp built on a pine board ;-)
73,
Doug, KF4KL

From: AviDov@aol.com
Message-ID: <4b3bf29a.36fb25fc@aol.com>
Date: Fri, 26 Mar 1999 01:15:24 EST

To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: EM to Malcolm Hernandez Bounced
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

If MaxMalcolm Hernandez or Doug (K6akk)reads this please note that the EM to the
address you furnished bounced twice. 73   Avidov

Message-Id: <199903261150.GAA24607@garnet.sover.net>
Date: Fri, 26 Mar 1999 06:55:06 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Michael Crestohl <mc@sover.net>
Subject: 51S-1 70K-7 PTO Question ???
Cc: boatanchors@theporch.com
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have two 51S-1s before me and notice a difference in the PTOs. I was wondering if anyone would know what the story is on these......

The first example looks like every other 70K-7 I've seen: T501 is in line with V501. There is the familiar Collins RE silkscreened on the top immediately to the left of V501. The radio has a winged emblem. Serial number is unreadable.

The second example is in a radio also with a winged emblem. There is a metal plate fastened by two screws where T501 is in the first example. T501 has been relocated to a position inline between L502 and the Nylon screw head. This PTO has an MCN Number (444). The Collins Winged emblem is a metal sticker applied in the same place as in the first example.

I surmise that the second example is a later version because they obviously relocated T501 and expect that they had some of the old metalwork around and Art found it cheaper to put the plate over the old hole than to scrap them. The second receiver MAY have had a PTO transplant.

Anyone know any more about this???

73,

Michael, W1RC
mc@sover.net

Message-Id: <3.0.5.32.19990326072850.007bab10@mail1.telalink.net>

Date: Fri, 26 Mar 1999 07:28:50 -0600
To: Old Tube Radios <boatanchors@theporch.com>
From: Tom Norris <badger@telalink.net>
Subject: 51S1 color photo needed
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Am looking for a color photo fo a 51S1. WA3KEY has a very good detailed B&W photo on his Collins Virtual Museum site, but am looking for a color shot for a project I am working on. Scanned and emailed would be preferred.

Thanks for any help.

Tom KA4RKT

Date: Fri, 26 Mar 1999 07:49:57 -0700
Message-Id: <199903261449.HAA09391@noodle.hi-line.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Roy Nollkamper <royn@glacierelectric.com>
Subject: 6-4 ballast tube

The 6-4 ballast tube has been given away. No more calls on the contest line, please. Roy

----
To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Date: Fri, 26 Mar 1999 09:21:48 -0600
Subject: Re: Does your NC-183D xfmr get hot?
Message-ID: <19990326.093329.16206.1.jackiv@juno.com>
From: John M Iverson <jackiv@juno.com>

Pull the rectifier tube when cold, see if you get a lot of heat. replace tube then check voltage out of rectifier against table, if low replace electrolytics, then pull output tube and measure voltage on grid. if any positive voltage is shown replace the coupling cap with a new one not nos.   have fun   73 jack
Jack Iverson   K0EWU   jackiv@juno.com
ARRL, IEEE LM, RCA, AMI, ARCI, QCWA

On Fri, 26 Mar 1999 06:03:40 GMT kf4kl@ipass.net (Doug Hall) writes:
>Boatanchorites,
>My recently acquired NC-183D is now cleaned up and looks, sounds, and
>works like a million bucks. It's a really hot receiver, both in terms

>of sensitivity AND temperature. The temperature part is what I don't
>like. The power transformer gets really HOT when the receiver has been
>on for an hour or more. Not hot enough to fry spit, but hot enough
>that after about a second or two I've touched it all I want to. It
>helps if I prop the top open, but the transformer still gets pretty
>toasty.
>
>Is this normal for these receivers? Whether it's normal or not,
>something's gotta be done, but I need to know how concerned to be
>about it for now. I've read about high mortality rates among
>NC-173/183 power transformers. Were they underspec'd in this area?
>
>Hot iron aside, I'm having fun with this old radio. The audio quality
>is the best of any receiver I own, and the old rig even receives 6m FM
>(via slope detection) fairly well. It receives 49 MHz cordless phones,
>too, but it's against the law to listen to them. I've also been
>listening up above the 6m band, but I haven't heard Frank yet. Maybe I
>need a 5m preamp built on a pine board ;-)
>73,
>Doug, KF4KL
>
>

____
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Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

From: dbrady@us.ibm.com
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <87256740.005F4848.00@d53mta04h.boulder.ibm.com>
Date: Fri, 26 Mar 1999 10:20:40 -0700
Subject: RBB meters
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

A friend of mine, K5ANG, is starting an RBB receiver restoration project
but
he doesn't have the manuals yet. Problem is that a previous owner removed
all three meters. I remembered that one was for plate voltage, one was for
audio output (in dB), but we can't remember what the third meter was for.

Does anyone happen to know what the other meter indicated??

Thanks,
Dennis W5FRS
dbrady@us.ibm.com

Date: Fri, 26 Mar 1999 14:43:29 -0500 (EST)
From: John Poulton <jp@cs.unc.edu>
Message-Id: <199903261943.OAA25105@mira.cs.unc.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS: NOS J.W. Miller Chokes & Coils

Fellow restorers:

I've ended up with an inventory closeout of a bunch of new old stock (actually, these parts are nearly new-new) JW Miller chokes and coils. Many are in individual containers, while the smaller items are in bulk packs. I don't need all of these items, needless to say, and would like to find most of them new homes. Before maxing my cash flow on EBay, I thought I'd offer them to the list.

Below is an inventory, showing the Miller part numbers, the approximate quantity on hand after filling my needs, the distributor price (as of a few years back), and a suggested price per item. I'm willing to ship a few parts to a few people, but I'd greatly prefer orders of $20 or more (I'm open to offers for quantity discounts), or a reasonable offer for the whole shebang. The Newark catalog has a description of many of these parts, and you can find the rest in older catalogs...

JWM Part#	Qty O/H	Description	Orig Price	Sugg Price
1937	175	Choke	$0.43	0.30
160B	15	Choke	$3.02	2.00
4622	75	RF Choke, Phenolic Core 10uH	$0.61	0.40
4644	150	RF Choke, Phenolic Core 150uH	$0.68	0.40
5218	40	Single Hash Choke, 3.35uH	$1.44	1.00
5220	8	Single Hash Choke, 8.8uH	$1.55	1.00
70F105A1	75	RF Choke 10uH	$0.70	0.50
70F275A1	30	RF Choke 27uH	$0.70	0.50
70F276A1	125	RF Choke 2.7uH	$0.70	0.50
70F334A1	24	RF Choke 330uH	$0.70	0.50
9057	5	Adj RF Coil, Shielded 0-280uH	$3.53	2.50
9220-26	50	Molded Inductor 1.0uH	$0.62	0.50
9230-12	20	Molded Inductor 0.47uH	$0.56	0.40
9230-44	40	Molded Inductor 10.0uH	$0.56	0.40
9250-683	60	Molded Inductor 68uH	$1.44	1.00
9310-00	500	Molded Inductor 0.15uH	$0.23	0.20

9320-16	125	Molded Inductor 2.7uH	$0.30	0.20
9340-28	50	Molded Inductor 22.0 uH	$0.34	0.20

73,
John Poulton KF4OZY

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Sandy W5TVW <ebjr@worldnet.att.net>
Subject: WTD: 874 & 876 Spares
Message-Id: <19990326203944.GZIL9603@LOCALNAME>
Date: Fri, 26 Mar 1999 20:39:44 +0000

Looking for known good used or NOS 874 regulator tube and one or two 876 ballast tubes. These are the ones used with the old RAK/RAL power supplies.
73,

Sandy W5TVW

From: mnhopkins@juno.com
To: Old Tube Radios <boatanchors@theporch.com>
Date: Fri, 26 Mar 1999 15:02:46 -0600
Subject: Ameco Red
Message-ID: <19990326.150301.-508873.3.MNHopkins@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

No, it is not a new strain of marijuana, but the color of my latest CN-50 converter case. It is staying in oxide prime because, after four super stores, I still cannot find a can of copper color spray paint.

Someone decide the copper gave a more abrupt charge when inhaled??

Had I known that, I'd have saved some to paint super-regenerative RXs.

de ab5L, Michael Hopkins, Box 226841, Dallas, TX 75222,
MNHopkins@JUNO.com
Student of Tecraft, ICM, and Six Meters' golden age, 1956-58.

From: Jderm740@aol.com

Message-ID: <5cd88089.36fc2742@aol.com>
Date: Fri, 26 Mar 1999 19:33:06 EST
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: DO-Do Here
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi
I keep reading posts about putting Surge Protectors on BAs to protect valuable tubes and other irreplaceables. How do you do that? Inquireing dummies want to know.

Jack   Jderm740@aol.com

From: Jderm740@aol.com
Message-ID: <5a5dcde0.36fc2d14@aol.com>
Date: Fri, 26 Mar 1999 19:57:56 EST
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: Re: DO-DO Here
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I think I asked the wrong question. What I am interested in is protecting the systems when I first turn them on. Past posrings have lead me to believe that something can be added to the primary power right after the switch(?) to give the tubes a chance to warmup a little before they get the full jolt. Am I right or misundertanding what was meant?

Jack   Jderm740@aol.com

Message-ID: <36FC3009.9A088FBD@earthlink.net>
Date: Fri, 26 Mar 1999 17:10:33 -0800
From: Scott Robinson <spr@earthlink.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: DO-DO Here
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jack,

That's right. The goody in question is a "negative temperature coefficient thermistor." It has a high resistoance when cold and a low one when hot, so at first is limits the current, and then heats up, allowing full power to flow. Newark and others have these, and yo uneed to pick one that will stay turned on by the steady state current drain you expect the radio to use and have a large enough cold resistance to usefuly limit the surge current. I need to work out suitable part numbers for myself but have not yet done so.

Regards,

Scott Robinson

Jderm740@aol.com wrote:
>
> I think I asked the wrong question. What I am interested in is protecting the
> systems when I first turn them on. Past posrings have lead me to believe that
> something can be added to the primary power right after the switch(?) to give
> the tubes a chance to warmup a little before they get the full jolt. Am I
> right or misundertanding what was meant?
>
> Jack   Jderm740@aol.com

--
Scott Robinson
spr@earthlink.net

Junque is GOOD for you!

From: "Tom R. Rice" <tomrice@netcom.com>
Message-Id: <199903270127.RAA26107@netcom18.netcom.com>
Subject: Re: DO-DO Not
To: Old Tube Radios <boatanchors@theporch.com>
Date: Fri, 26 Mar 1999 17:27:16 -0800 (PST)
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

>
> That's right. The goody in question is a "negative temperature
> coefficient thermistor." It has a high resistoance when cold and
> a low one when hot, so at first is limits the current, and then

Yes, all very well, but as a purist, I do think the old series-resistor-shorted-out-by-a-relay's-contacts is the proper solution for a true BA-er.

And, of course, there are still suitable time-delay (usually bi-metal) relays to do this job for almost any application you can name.

(We geezers have to be alert to throttle any of these "modrun-thinking" approaches to classic problems. ;-)

73 de WB6BYH

--
"Start off every day with a smile and get it over with." --W.C.Fields
Tom R. Rice
tomrice@netcom.com

Date: Fri, 26 Mar 1999 17:56:17 -0800 (PST)
Message-Id: <2.2.16.19990326175200.4ccf893c@pop.igc.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Dick Dillman <ddillman@igc.apc.org>
Subject: Which End Where?

This question will, I hope, establish beyond question my ignorance of solid state devices. In this crowd I expect that will be a plus.

Long time readers of these pages may remember that the power supply of my RS-6 "spy radio" was eating 6X4 rectifier tubes at an astonishing rate. The numbers revealed for the 6X4 in my 1967 Handbook show that the tube is stressed beyond its published limits in the RS-6 circuit. So rather than carrying a supply of 6X4s in crossed bandoliers across my chest I decided to replace the glowing (and arcing) little bottle with a solid state substitute.

In one hand I hold a 6X4 with the cathode connected to pin 7 and the plates connected to pins 3 and 6. In the other hand I hold two little solid state diodes with a stripe on one end. My question is: does the stripe get connected to the plate pin or the cathode pin?

Thanks,

Dick

Dick Dillman
<ddillman@igc.apc.org>
WPE2VT W6AWO
Collector Of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

From: "David Newkirk" <dpnewkirk@home.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Which End Where?
Date: Fri, 26 Mar 1999 21:33:16 -0500
Message-ID: <000001be77fa$2b4abc00$11670518@cc328679-a.vron1.nj.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dick Dillman wrote:

> In one hand I hold a 6X4 with the cathode connected to pin 7 and
> the plates
> connected to pins 3 and 6. In the other hand I hold two little
> solid state
> diodes with a stripe on one end. My question is: does the stripe get
> connected to the plate pin or the cathode pin?

The stripe is the diode cathode.

73,

Dave Newkirk, W9VES
dpnewkirk@home.com

From: mnhopkins@juno.com
To: Old Tube Radios <boatanchors@theporch.com>
Date: Fri, 26 Mar 1999 20:43:01 -0600
Subject: Six Meter OT FB on RX
Message-ID: <19990326.204333.-376345.2.MNHopkins@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Golden Age 6M ops heard the weak ones as well as you do.

That's right, techno types, receive technology reached the 6 Meter noise floor when Ike was in the White House and if your 6BQ7 is up to snuff an AshaiFET won't buy you a thing on 50 mc.

When they are sweeping away the trash at the next hamfest, compare the Ameco CB-6 receive converter, the one with the TV set cascode front end and a 6J6 mixer, with its replacement, the Nuvistorized CN-50. Aside from sexy little triodes, the main difference is that the later model has a RF gain control -- it was too hot in 1961.

What's more, even the lowly International Crystal FCV-2, a PC board kit now over 40 years old, is good enough for Six. Listen to ARRL VHF Guru W1HDQ in the February, 1958 QST:

"Once again we bring in the International Crystal Mfg. Co. 50-Mc. converter. With its printed circuitry, it is so small and inexpensive that some owners feel that it can't possibly do the job of pulling in the weak ones. It can. Its r.f. gain and noise figure are adequate for weak-signal reception and nothing can be gained by adding r.f. amplification..." QST, Feb., 1958, Tilton, W1HDQ, "Improving Performance of Crystal-Controlled V.H.F. Converters," p. 27.

Old Ed Tilton offers five pages of advice on improving your VHF listening, but none of them involve the balance of payments. It takes bypassing and grounding and old fashioned ham stuff like that

de ab5L, Michael Hopkins, Box 226841, Dallas, TX 75222,
MNHopkins@JUNO.com
Student of Tecraft, ICM, and Six Meters' golden age, 1956-58.

Date: Fri, 26 Mar 1999 21:52:57 -0500 (EST)
Message-Id: <199903270252.VAA17237@smtp13.bellglobal.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Andre Guibert <aguibert@sympatico.ca>
Subject: Re: Lead Acid Battery

Bonsoir to All

Was given a Canadian Army Surplus lead acid battery, 90A. 12V, a big one, to stabilise the rectifyer for my BA`s.

Filled to the top of the plates and slow charge(2A) it with the caps off.

After a short while, some kind of foaming(Bubbles) showed, never seen this before and have quite a bit of experience in generator/station type ones.

Any explanation(S)

Andre
Andre Guibert
aguibert@sympatico.ca

End of BOATANCHORS Digest 2476
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